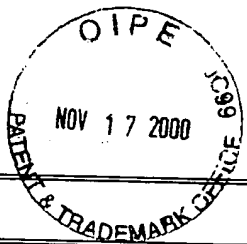


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| Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant | ATTY. DOCKET NUMBER: 88-6 US | SERIAL NUMBER: 09/665,065 |
| | APPLICANT: SHAATH ET AL. | |
| | FILING DATE: 09/19/00 | GROUP: New Filing |



U.S. Patent Documents

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCL ASS | FILIN APPR |
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Foreign Patent Documents

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|-----------------|------|---------|-------|----------|--|
| | | | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

| | |
|----------|--|
| am | Jason Gait, "The Optical File Cabinet: A Random-Access File System for Write Once Optical Disks," COMPUTER, June 1988, pages 11- 22 |
| / | Jason Gait, "Phoenix: A Safe In-Memory File System," Communications of ACM, vol. 33, no. 1, January 1990, pages 81- 86 |
| / | Jason Gait, "A Checkpointing Page Store for Write-Once Optical Disk," IEEE Transactions on Computers, vol. 39, no. 1, January 1990, pages 2-9 |
| am | Terry Laskodi, Bob Eifrig, Jason Gait, "A UNIX File System for a Write-Once Optical Disc," Summer USENIX '88, San Francisco, June 20-24, pages 51-60 |
| EXAMINER | Alexander P. Laskodi DATE CONSIDERED 3/1/04 |

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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Attorney Docket Number

38898-172161

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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| Application Number | 09/665,065 |
| Filing Date | September 19, 2000 |
| First Named Inventor | SHAATH et al |
| Group Art Unit | 2166 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 38898-172161 |

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | A1 | Peter DRUSCHEL and Antony ROWSTRON; "PAST: A Large-Scale, Persistent Peer-to-Peer Storage Utility"; date: after November 2001 - received from client on January 3, 2002 | |
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| | |
|------------------------|--------------------|
| Application Number | 09/665,065 |
| Filing Date | September 19, 2000 |
| First Named Inventor | SHAATH et al. |
| Group Art Unit | 2166 |
| Examiner Name | (Unassigned) |
| Attorney Docket Number | 38898-172161 |

(use as many sheets as necessary)

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| Sheet | 1 | of | 2 |
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PATENT & TRADEMARK OFFICE

| U.S. PATENT DOCUMENTS | | | | | | |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| M | A1 | 5,276,867 | | Kenley et al. | Jan. 4, 1994 | |
| | B1 | 5,287,504 | | Carpenter et al. | Feb. 15, 1994 | |
| | C1 | 5,317,728 | | Tevis et al. | May 31, 1994 | |
| | D1 | 5,347,628 | | Brewer et al. | Sep. 13, 1994 | |
| | E1 | 5,367,698 | | Webber et al. | Nov. 22, 1994 | |
| | F1 | 5,379,423 | | Mutoh et al. | Jan. 3, 1995 | |
| | G1 | 5,751,287 | | Hahn et al. | May 12, 1998 | |
| | H1 | 5,832,522 | | Blickenstaff et al. | Nov. 3, 1998 | |
| | I1 | 5,838,326 | | Card et al. | Nov. 17, 1998 | |
| | J1 | 5,936,624 | | Lisle et al. | Aug. 10, 1999 | |
| | K1 | 5,969,720 | | Lisle et al. | Oct. 19, 1999 | |
| | L1 | 5,991,753 | | Wilde | Nov. 23, 1999 | |
| | M1 | 6,101,506 | | Ukai et al. | Aug. 8, 2000 | |
| | N1 | 6,240,421 | | Stolarz | May 29, 2001 | |
| | O1 | US 2002/0046320 | | Shaath | Apr. 18, 2002 | |
| | P1 | 6,438,642 | | Shaath | Aug. 20, 2002 | |
| Q1 | 6,381,619 | | Borowsky et al. | Apr. 30, 2002 | | |
| R1 | US 2002/0069214 | | Smith et al. | Jun. 6, 2002 | | |
| S1 | US 2002/0030100 | | Katayanagi et al. | Mar. 14, 2002 | | |
| T1 | US 2002/0111956 | | Yeo et al. | Aug. 15, 2002 | | |

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Considered

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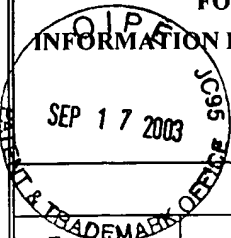
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|--|----|---|----------|-----------------------------|--------------------------------|
| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | | Atty Docket: 38898-172161 | | Application No.: 09/665,065 | |
|  | | Applicant: Kamel SHAATH, et al. | | | |
| | | Filing Date: September 19, 2000 | | Group: 2166 | |
| U.S. PATENT DOCUMENTS | | | | | |
| Examiner Initial | | U.S. Patent No. | Date | Name | Class Sub-Class Filing Date |
| | AA | | | | |
| | AB | | | | |
| | AC | | | | |
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| <div style="text-align: right;"> RECEIVED SEP 23 2003 GROUP 3600 </div> | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | |
| | | Document Number | Date | Country | Class Sub-Class Translation |
| <i>AL</i> | AL | EP 0 515 073 | 11/25/92 | EUROPE | — — — EP 0 515 073 |
| | AM | | | | |
| | AN | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | |
| <i>AO</i> | AO | BAIRD, et al.; "Distributed Information Storage Architecture"; MASS STORAGE SYSTEMS, 1993; PUTTING ALL THAT DATA TO WORK. PROCEEDINGS, TWELTH IEEE SYMPOSIUM ON MONTEREY, CA USA 26-29 APRIL 1993, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US; 26 APRIL 1993; PAGES 145-155 | | | |
| <i>AP</i> | AP | FOSTER, et al.; "Renaissance: managing the network computer and its storage requirements"; PROCEEDINGS OF THE SYMPOSIUM ON MASS STORAGE SYSTEMS. MONTEREY, OCT. 7-10, 1991, LOS ALAMITOS, IEEE COMP. SOC. PRESS, US, vol. SYMP. 11, 7 OCTOBER 1991; PAGES 3-10 | | | |
| <i>AQ</i> | AQ | BEDOLL, et al., "The importance of metadata in mass-storage systems"; MASS STORAGE SYSTEMS, 1990. CRISIS IN MASS STORAGE. DIGEST OF PAPERS.; TENTH IEEE SYMPOSIUM ON MONTEREY, CA USA 7-10 MAY 1990, WASHINGTON, DC, USA, IEEE COMPUT. SOC. PR, US, 7 May 1990; pages 111-116 | | | |
| <i>AR</i> | AR | LANZATELLA, et al.; "Storage Management issues for Cray Research" MASS STORAGE SYSTEMS, 1990. CRISIS IN MASS STORAGE. DIGEST OF PAPERS., TENTH IEEE SYMPOSIUM ON MONTEREY, CA, USA 7-10 MAY 1990, WASHINGTON, DC, USA, IEEE COMPUT. SOC. PR, US, 7 May 1990, pages 176-181 | | | |
| Examiner | | <i>Alfonso de la Cruz</i> | | | Date Considered <i>3/16/04</i> |